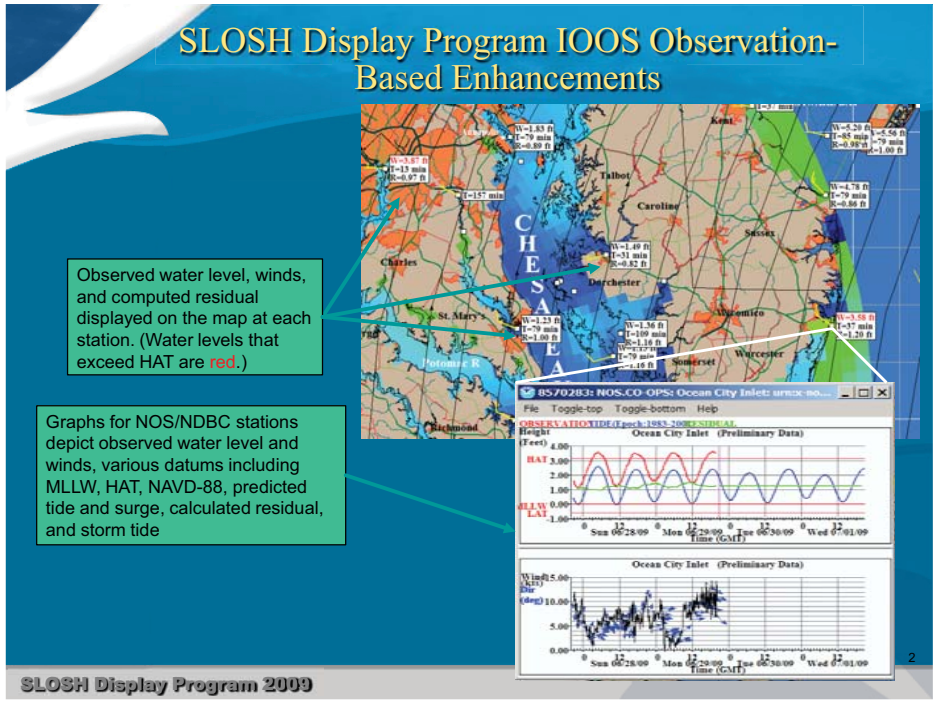
Coastal Inundation Project Description

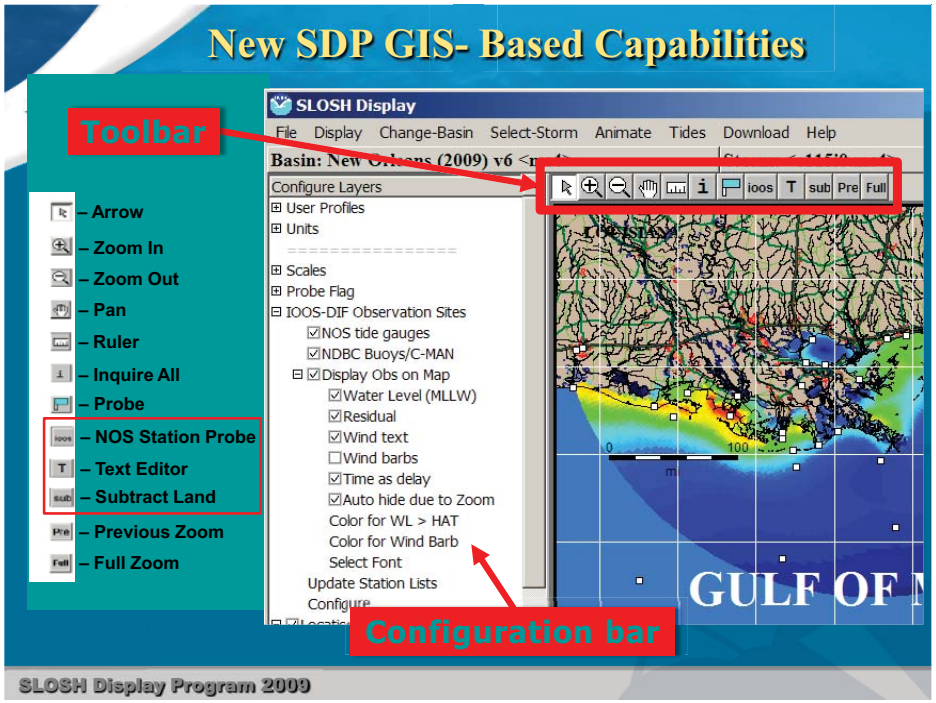
- Team members from National Weather Service (NWS) National Hurricane Center (NHC), NWS Weather Forecast Offices (WFOs), the NWS's Meteorological Development Laboratory (MDL), the NOS Center for Operational Oceanographic Products and Services (CO-OPS) and the IOOS Program

- Project designed to address assumption that integrating data across NOAA from various sources and applying standards for the integration adds value to the NWS storm surge operation

- Coordination began last year, work began this calendar year with a series of monthly "releases" evaluated by the customers (NWS)

- Operational version released end of June 2009 to all coastal WFOs and NHC for evaluation during this hurricane season; training session planned and hosted by NHC





Coastal Inundation Project Milestones and Challenges

- Key remaining milestone – evaluate the value of integrated data for NWS storm surge operation through quantitative measures and qualitative assessments by NHC and WFOs

- Challenges –
  - Configuration management of DIF/DMAC data sources
  - Current project architecture may not support all potential customers
  - Lack of "approved" customer requirements that are prioritized
  - Differences in project planning approaches
  - Coordinating effectively across NWS and its various entities

Coastal Inundation Project Next Steps and Recommendations

- Produce evaluation assessment by end of 2009
- Develop a list of potential additional enhancements from key partners and additional users that focus on additional data sets or storm surge model outputs (IOOS contributions)
- Obtain an “approved” prioritized list of requirements for storm surge
- Evaluate this project and potential additional enhancements in light of other ongoing surge projects